

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES ▼

HUMAN RESOURCES ENTERPRISE

HEALTH PHYSICIST 3

DEFINITION

Coordinates and ensures the effective execution of one of three radiological health, safety and environmental program areas (e.g., radiation machines, radioactive materials, or related environmental health/training/emergency response) and functions as a leadworker with a unit of lower level Health Physicists and staff; performs related work as assigned.

The Work Examples and Competencies listed are for illustrative purposes only and not intended to be the primary basis for position classification decisions.

WORK EXAMPLES

Assists supervisor by instructing employees, answering questions and distributing, balancing and checking work; may make suggestions on selection, promotions and reassignments.

Plans, leads, evaluates and oversees activities in the fields of health physics, nuclear engineering, radiation health, and consumer health protection; reviews technical accuracy and completeness of reports from radiation and environmental quality specialists.

Oversees the collection and analysis of environmental sampling and data.

Assists in formulating radiation and environmental safety or health plans.

Advises and consults with representatives of the public, management, labor and professional groups on organization and operation of environmental plans.

Analyzes and evaluates special conditions and situations involving environmental problems.

Provides training for environmental staff.

Acts as technical analyst in the state's emergency response network.

Files legal actions and testifies in legal proceedings as required.

COMPETENCIES REQUIRED

Knowledge of applicable local, state and federal laws, rules and regulations relating to radiation and environmental engineering, engineering/physics of radiochemical and biological analysis.

Knowledge of the operation and maintenance of detection equipment.

Knowledge of management/supervisory techniques and methodologies.

Ability to oversee work of others.

Ability to make technically correct decisions.

Displays high standards of ethical conduct. Refrains from dishonest behavior.

Works and communicates with all clients and customers providing quality professional service.

Displays a high level of initiative, effort, attention to detail and commitment by completing assignments efficiently with minimal supervision.

Follows policy, and cooperates with supervisors and aligns behavior with the goals of the organization.

Fosters and facilitates cooperation, pride, trust, and group identity and team spirit throughout the organization.

Exchanges information with individuals or groups effectively by listening and responding appropriately.

EDUCATION, EXPERIENCE, AND SPECIAL REQUIREMENTS

Graduation from an accredited college or university with a Bachelor's Degree in health physics, nuclear physics, or nuclear engineering and five years of experience in radiological health or related program experience in a radiological services program;

OR

graduation from an accredited college or university with a Bachelor's Degree in physics and seven years of experience in radiological health or related radiological services program;

OR

graduation from an accredited college or university with a Bachelor's Degree in another physical science and ten years of experience in radiological health or related radiological services program;

OR

Successful completion of the U. S. Navy Nuclear Program and five years of experience in a radiological health program, radiological services program, nuclear reactor program or nuclear engineering.

NOTES:

1. Must satisfactorily complete government sponsored core course in health physics or other specialized training programs as required by federal agencies within the time frame as specified by management.
2. Travel is required for positions in this class. Employees must be willing to travel for extended periods of time and must arrange transportation to and from assigned work areas. Work may involve exposure to excessive heat, cold, hazardous substances, construction sites, and unfavorable conditions. May be required to respond to emergencies. May be on 24-hour call.

Effective Date: 10/11 BR